

ABSTRACT

An arrangement for treating rhythm disturbances of a heart (H), especially tachycardia and fibrillation, has a device (FD) for detecting the heart rhythm and determining when a fibrillation threshold limit is exceeded and a therapy device or stimulator (IG). The therapy device (IG) is connected to the heart rhythm detecting device (FD), to begin to treat the fibrillation when the fibrillation threshold limit is exceeded. The heart rhythm detecting device determines whether a redetection threshold limit is still exceeded after the therapy device has treated the fibrillation, the redetection threshold limit being lower than the fibrillation threshold limit and higher than a tachycardia threshold limit. The therapy device continues to treat the fibrillation as long as the heart rhythm detector determines that the redetection threshold limit is exceeded.